

IPW

**13428PCTUS****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: McKeown et al.

Examiner: To be assigned

Serial No.: 10/632,393

Group Art Unit: 1645

Filed: August 1, 2003

For: Methods and compositions for genotyping

Customer No.:

**23719**

PATENT TRADEMARK OFFICE

Kalow & Springut LLP  
488 Madison Avenue, 19th Floor  
New York, New York 10022

March 7, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, Applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of cited references are enclosed). As to any reference listed, Applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with Applicants' duty to disclose all information of which they are aware and believe relevant to the examination of the above-identified application, Applicants believe that their invention is patentable.

**Certificate of Mailing Under 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Signature)

(Printed Name of Person Signing Certificate)

(Date)

Applicant: McKeown et al.  
Serial No.: 10/632393  
Filed: 8/1/2003  
Information Disclosure Statement – Page 2

### I. U.S. PATENT DOCUMENTS

<u>Patent No./Publication No.</u>	<u>Date Issued/Published</u>	<u>Title</u>
5,302,510 to Klevan	April 12, 1994	DNA Sizing Control Standards for Electrophoretic Analyses
5,736,365 to Walker <i>et al.</i>	April 7, 1998	Multiplex Nucleic Acid Amplification
5,846,710 to Bajaj	December 8, 1998	Method for the Detection of Genetic Diseases and Gene Sequence Variations by Single Nucleotide Primer Extension
5,853,989 to Jeffreys <i>et al.</i>	December 29, 1998	Method of Characterization of Genomic DNA
5,856,092 to Dale	January 5, 1999	Detection of a Nucleic Acid Sequence or a Change Therein
5,858,732 to Solomon <i>et al.</i>	January 12, 1999	Wide Dynamic Range Nucleic Acid Detection Using an Aggregate Primer Series
5,882,857 to Western <i>et al.</i>	March 16, 1999	Internal Positive Controls for Nucleic Acid Amplification
5,888,819 to Goelet <i>et al.</i>	March 30, 1999	Method for Determining Nucleotide Identity Through Primer Extension
5,952,202 to Aoyagi <i>et al.</i>	September 14, 1999	Methods Using Exogenous, Internal Controls and Analogue Blocks During Nucleic Acid Amplification
5,962,221 to Caetano-Anolles	October 5, 1999	Oligonucleotide Constructs and Methods for the Generation of Sequence Signatures from Nucleic Acids

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6,004,744 to Goelet <i>et al.</i>	December 21, 1999	Method for Determining Nucleotide Identity Through Extension of Immobilized Primer
6,013,431 to Söderlund <i>et al.</i>	January 11, 2000	Method for Determining Specific Nucleotide Variations by Primer Extension in the Presence of Mixture of Labeled Nucleotides and Terminators
6,074,831 to Yakhini <i>et al.</i>	June 13, 2000	Partitioning of Polymorphic DNAs
6,090,590 to Kao	July 18, 2000	Reducing Nontemplated 3' Nucleotide Addition to Polynucleotide Transcripts
6,107,061 to Johnson	August 22, 2000	Modified Primer Extension Reactions for Polynucleotide Sequence Detection
6,130,038 to Becker <i>et al.</i>	October 10, 2000	Method for Amplifying Target Nucleic Acids Using Modified Primers
US 2001/0009761 A1 to Wright <i>et al.</i>	July 26, 2001	Methods and Oligonucleotides for Detecting Nucleic Acid Sequence Variations
6,268,146 to Shultz et al	July 31, 2001	Analytical Methods and Materials for Nucleic Acid Detection
6,268,147 to Beattie <i>et al.</i>	July 31, 2001	Nucleic Acid Analysis Using Sequence-Targeted Tandem Hybridization

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6,270,973 to Lewis <i>et al.</i>	August 7, 2001	Multiplex Method for Nucleic Acid Detection
6,287,778 to Huang <i>et al</i>	September 11, 2001	Allele Detection Using Primer Extension with Sequence-Coded Identity Tags
6,294,336 to Boyce-Jacino <i>et al</i>	September 25, 2001	Method for Analyzing the Nucleotide Sequence of a Polynucleotide by Oligonucleotide Extension on an Array
6,537,748 to Goelet	March 25, 2003	Reagent for Nucleic Acid Typing by Primer Extension
2003/0198977 to Nolan <i>et al</i>	October 23, 2002	Early Leukemia Diagnostics Using Microsphere Arrays

## II. FOREIGN PATENT DOCUMENT

<u>Publication No.</u>	<u>Country</u>	<u>Publication Date</u>
WO 92/15712	WIPO	17 September 1992
EP 0 332 435 B2	EP	22 April 1992
EP 0928 832 A	EP	July 14, 1999
GB 2312747 A	Great Britain	November 6, 1997

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Because no action has been taken on the merits, Applicants submit that no fee is due at this time. However, if a fee is deemed necessary, please charge Deposit Account No. 11-0171.

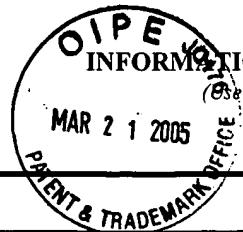
Respectfully submitted,



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Registration No.: 39,492  
Attorney for Applicant

Kalow & Springut LLP  
(212) 813-1600


**INFORMATION DISCLOSURE CITATION**
*(Use several sheets if necessary)*

Docket Number (Optional)

13428PCTUS

Application Number

10/632,393

Applicant(s)

McKeown et al

Filing Date

August 1, 2004

Group Art Unit

1645

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,302,510	04-12-1994	Klevan			
		5,736,365	04-07-1998	Walter et al			
		5,846,710	12/08/1998	Bajaj			
		5,853,989	12-29-1998	Jeffreys et al			
		5,856,092	01-05-1999	Dale			

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2001/0009761 A1	07-26-2001	Wright et al			
		2003/0198977 A1	10-23-2003	Nolan			

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 92/15712	17-09-1992	WIPO			✓	
	EP 0 332 435 B2	22-04-1992	EP			✓	
	EP 0 928 832 A2	14-07-1999	EP			✓	
	GB 2312747 A	11-06-1997	United Kingdom			✓	

**OTHER DOCUMENTS**
*(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO.	APPLICATION NO.			
				13428PCTUS	10/632,393			
				APPLICANT(S)				
				McKeown et al	FILING DATE	GROUP ART UNIT		
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		5,858,732	01-12-1999	Solomon et al				
		5,882,857	03-16-1999	Western et al				
		5,888,819	03-30-1999	Goelet et et al				
		5,952,202	09-14-1999	Aoyagi et al				
		5,962,221	10-05-1999	Caetano-Anolles				
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		6,013,431	01-11-2000	Soderlund et al			
		6,074,831	06-13-2000	Yakhini et al			
		6,090,590	07-18-2000	Kao			
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		6,130,038	10-10-2000	Becker et al			
		6,268,146	07-31-2001	Shultz et al			
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		6,294,336	09-25-2001	Boyce-Jacino et al			
		6,537,748	03-25-2003	Goelet			
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